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Scientific - Geophysics

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Sci - Geophysics, microclimate

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Sci - Geophysics, microclimate

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Sci - Geophysics, microclimate

Mar 54 (TS)

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TT-63-15687

Lagutin, B. L., ed.
THE PROBLEM OF ICE CROSSINGS: DATA ON.
Investigation of Construction and Maintenance of Air-
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ACPFL Trans. 25. Eugene A. Golomshtok, tr.
Order from OTS, SLA or ETC \$10.50 TT-63-15687

Trans. of Glavnoe Upravlenie Gidrometeorologicheskoi
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v. 20.

Separate entries have been prepared for the individual
articles

DESCRIPTORS: *Ice, Loading (Mechanics), *Traffic-
bility, Construction, Maintenance, Data.

(Earth Sciences--Frost, TT, v. 11, no. 2)

- I. Lagutin, B. L.
- II. Title: Investigation ...
- III. ACPFL Trans-25
- IV. Arctic Construction and
Frost Effects Lab.,
Corps of Engineers,
Waltham, Mass.
- V. PB-117 355 superseded

Office of Technical Services

TT-63-15687 (p. 70-122d)

Shul'man, A. P. and Kazanskii, M. M.
 THE THEORETICAL AND EXPERIMENTAL BASES
 FOR THE TABLES OF LOAD CARRYING CAPACITY
 OF ICE COVERS (Teoreticheskie i Opytnye Osnovaniya
 Tablits Gruzopod'emnosti Ledynogo Pokrova). Dec 54
 [57p] 82refs. ACFEL Trans. 25.
 Order from JFS, SLA or ETC \$10.50 in TT-63-15687
 (p. 70-122d)

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 iye Sluzhby: Trudy Nauchno-Issledovatel'skikh
 Uchrezhdenii. Seriya 5: [Gidrologiya Morya] (USSR)
 1946, v. 20. (Abstract available)

DESCRIPTORS: *Ice, *Trafficability, Loading
 (Mechanics) Tables, Experimental data, Theory.

Topics include: the theoretical basis for the tables; the
 influence of the temperature upon the load carrying
 (Earth Sciences--Frost, TT, v. 11, no. 2) (over)

- I. Shul'man, A. P.
- II. Kazanskii, M. M.
- III. ACFEL Trans 25 (p. 70-122d)
- IV. Arctic Construction and
 Frost Effects Lab.,
 Corps of Engineers,
 Waltham, Mass.

Office of Technical Services

TT-63-15687 (p. 64-69b)

Neronov, Yu. N.
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ING (K Voprosu o Velichine Vremennogo Soprotiv-
leniya na Izgib Vseennogo Tayushchego L'da).
Dec 54 [8p]. ACPEL Trans. 25.
Order from OTS, SLA or ETC \$10.50 in TT-63-15687
(p. 64-69b)

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cheskie Sluzhby. Trudy Nauchno-Issledovatel'skikh
Uchrezhdenii. Seriya 5: [Geologiya Morya] (USSR)
1946, v. 20.

DESCRIPTORS: *Ice; Melting, Deformation, Loading
(Mechanics); Test equipment, Tests.

(Earth Sciences--Frost, TT, v. 11, no. 2)

- I. Neronov, Yu. N.
- II. ACPEL Trans-25 (p. 64-69b)
- III. Arctic Construction and
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Corps of Engineers,
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Lagutin, B. L. and Shul'man, A. P.
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 cheskie Sluzhby. Trudy Nauchno-Issledovatel'skikh
 Uchrezhdenii. Seriya 5: [Gidrologiya Morya] (USSR)
 1946, v. 20. (Abstract available)

DESCRIPTORS: *Ice. *Trafficability, Loading
 (Mechanics), Numerical methods and procedures,
 Mathematical analysis.

Empirical formulae are not a dependable basis for com-
 putation. Furthermore, the universality ascribed to
 them by their authors is an added defect. The value of
 (Earth Sciences--Frost, TT, v. 11, no. 2) (over)

TT-63-15687 (p. 46-63)

- I. Lagutin, B. L.
- II. Shul'man, A. P.
- III. ACFEL Trans-25 (p. 46-63)
- IV. Arctic Construction and
 Frost Effects Lab.,
 Corps of Engineers,
 Waltham, Mass.

Office of Technical Services

Shul'man, A. P.
 CALCULATION OF THE LOAD CARRYING CAPACITY
 OF ICE CRISSINGS ON THE BASIS OF THE THEORY
 OF CENTRAL FLEXURE OF AN ELASTIC PLATE
 PLACED ON AN ELASTIC FOUNDATION (K Raschetu
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 vanii), Dec 34 [11p] refs ACFEL Trans. 25.
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 (p. 36-45a)

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 iye Sluzhby, Trudy Nauchno-Issledovatel'skikh
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 1946, v. 20 (Abstract available)

DESCRIPTORS: *Ice, *Trafficability, Loading
 (Mechanics), Elasticity, Equations, Numerical analysis,
 Theory.
 (Earth Sciences--Frost, TT, v. 11, no. 2) (over)

TT-63-15687 (p. 36-45a)

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- II. ACFEL Trans-25 (p. 36-45a)
- III. Arctic Construction and
 Frost Effects Lab.,
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 Waltham, Mass.

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Zvolinskii, N. V.

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yushchego Ledyanogo Sloya). Dec 54 [17p]

ACFEL Trans. 25.

Order from OTS, SLA or ETC \$10.50 in TT-63-15687
(p. 19-35)

Trans. from Glavnoe Upravlenie Gidrometeorologi-
cheskie Sluzhby, Trudy Nauchno-Issledovatel'skikh
Uchrezhdenii. Seriya 5: [Gidrologiya Morya] (USSR)
1946, v. 20.

DESCRIPTORS: Ice, *Ice islands, Flotation, Loading
(Mechanics), Deformation, Mathematical analysis.

(Earth Sciences - Frost, TT, v. 11, no. 2)

TT-63-15687 (p. 19-35)

I. Zvolinskii, N. V.

II. ACFEL Trans-25 (p. 19-35)

III. Arctic Construction and
Frost Effects Lab.,
Corps of Engineers,
Waltham, Mass.

Office of Technical Services

Shul'man, A. P.
ON THE PROBLEM OF COMPUTING THE LOAD
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DESCRIPTORS: "Ice. *Loading (Mechanics), Elasticity,
Deformation, Numerical analysis.

It is impossible to cover with a single formula all
practically possible cases of application of a load to an
ice cover. Each case must be examined separately.
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DESCRIPTORS. *Ice, Mechanical properties, Loading
(Mechanics), Phase studies, Measurement.

(Earth Science--Frost, TT, v. 11, no. 2)

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DESCRIPTORS: *Coleoptera, *Pest control, *Beets,
Parasites, Fungi, Plants (Botany).

(Agriculture--Plant Cultivation, TT, v. 11, no. 3)

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DESCRIPTORS: Hymenoptera, Hemiptera, Insects,
*Insect control, *Parasites, Eggs, Fertility, Reproduc-
tion: Inhibition, *Cereals.

In establishing norms for the release of Telenomus in
combating Eurygaster, a differential approach is
necessary, depending on the date of release. Early
release dates give the best results. With early release
(at the beginning of Eurygaster oviposition), much
(Agriculture--Plant Cultivation, TT, v. 10, no. 7)(over)

61-23034

1. Title: Eurygaster
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